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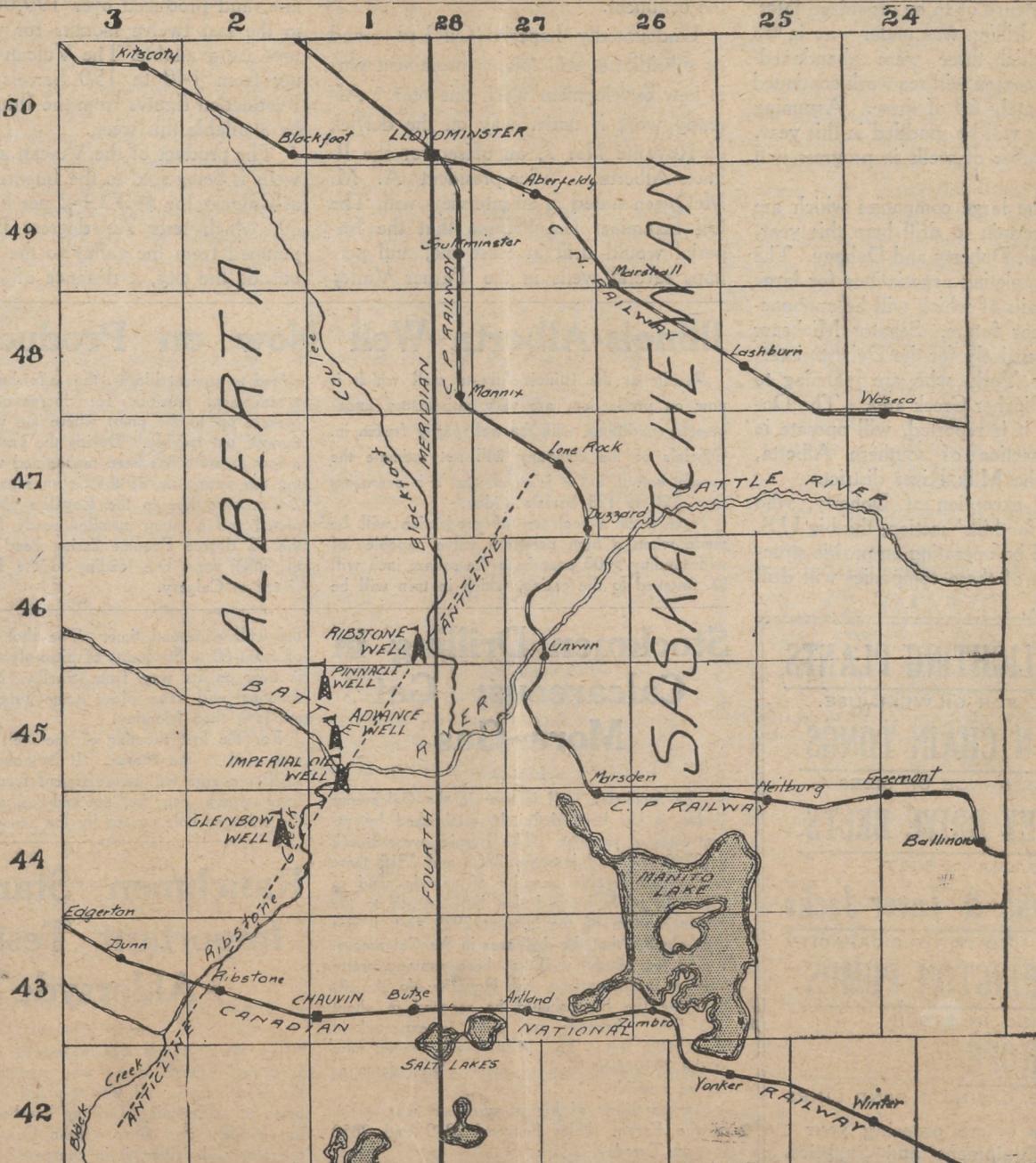
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THE WESTERN OIL EXAMINER

Vol. I. No. 47

CALGARY, CANADA, JANUARY 8, 1927

Price 5c



RIBSTONE-BLACKFOOT FIELD

extension. The Imperial is drilling a deep test well; Advance and Ribstone also started.

Map of rapidly developing field
prepared for Chauvin board of
trade by F. S. Dyke, C.E., with

1
Unity Valley
No. 1-2

Estimate 100 Wells Will Be Under Way in Alberta This Year

ENTRY OF UNION, DOHERTY AND DOHENY IN PROVINCE IS NOW PRACTICALLY ASSURED

Drilling will be under way in Alberta in approximately 100 wells this year, according to present indications.

A survey of the financing of companies already in the field reveals that at least 30 new wells are now assured for 1927. Seven big companies are making plans to enter the province, which should bring the number of wells to be spudded in this year up considerably, to say nothing of additional programs of smaller companies either already in existence or to be organized later.

In 1926 drilling was under way in 67 wells, of which three were abandoned. The coming season will see work continued on approximately 60 of these. Assuming that 40 wells will be spudded in this year, the total number of wells in progress will be 100.

Among the large companies which are practically certain to drill here this year, are the Union, Doherty and Doheny. The Union is completing negotiations for large acreage, details of which will be announced in the near future. Senator Michener has filed extensively for the Doherty interests in New York, who are planning to drill in the Pincher Creek area. The Doheny group, it is reported, will operate in the prairie section of southern Alberta, possibly in the Milk River district.

With the exception of Doherty, who will be in a foothills' section, the big U.S. concerns will be operating on prairie structures. Each of these companies will drill several wells.

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The Hudson's Bay-Marland Oil Co., Ltd., may announce a development program this year. Geologists of the Marland Oil company, one of the large U.S. independents, are making a thorough geological survey of the three prairie provinces and oil experts here look for an extensive drilling program as the result of the investigation now being carried on on a scale that is larger than anything hitherto attempted in the Dominion, if not on the continent.

Undoubtedly Imperial Oil Ltd., and its subsidiaries will take a prominent part in new development work this year. Already work is under way on the derrick of Royalite No. 7, an offset for the Illinois-Alberta. Vice-president A. M. McQueen stated in an interview with The Oil Examiner last autumn that the Imperial would drill at least one, and perhaps several wells in the Turner Valley

in the spring. Whether the Dalhousie and Mid-West, Imperial subsidiaries, will drill more wells this year or not, is not known.

Of the 30 new wells assured for this year, 20 are in the Turner Valley area, where production from Royalite 4, Illinois-Alberta and Vulcan wells is creating an ever-increasing interest in the field. Royalite No. 4 in November, averaged 528 barrels per day of casinghead gasoline, and produced over 190,000 barrels in the last twelve months for which figures are available. The Vulcan is producing from 140 to 150 barrels per day. Production figures from the Illinois should be available this week.

The product of the Vulcan and Illinois wells is being sold to the Imperial refinery at Calgary for \$4.72 1-2 per barrel. The oil, which tests 72 degrees beaume, is pumped from the valley to the plant, just outside the city, a distance of 29 miles.

Illinois-Alberta Well

Results at the Illinois-Alberta well which is now on production, are very satisfactory under present conditions, with the well partly frozen in. Officials of the company will not estimate the present output, but it is stated that it is averaging from 120 to 125 barrels a day.

Next week a real test of production will be made when a high pressure valve capable of withstanding 3000 pounds to the square inch will be fastened to the casing, which in turn will be

Now on Production

bolted to cement blocks, thus affording the safest arrangement possible for increasing the back pressure up to the point where the well will be thawed out quickly. During the past two weeks a low pressure has been maintained while awaiting the setting up of the Smith separator. The 2-inch pipe line to the Royalite plant is completed and a pump installed ready for pumping the 72 degree Beaume casing head gasoline to the main pipe line leading to the Imperial refinery at Calgary.

the well a second time. The shot will consist of from 60 to 80 quarts of nitro-glycerine, which is now on its way from Shelby, Mont. The shooting will take place some time today, or not later than Monday.

For the first shooting of the well 140 quarts was used in the charge. It is thought that the smaller charge will be sufficient from the lower level which can be reached as a result of the enlarged hole caused by the first explosion.

Stockmen Drilling in Calcareous; Get More Gas

The Stockmen well is now in the Calcareous shales, it has been definitely established by recent tests of samples. The Fernies were struck at 2740 feet and between 2850 and 2910 there was a considerable quantity of calcareous sand in the well, while beyond that latter depth to the present bottom of the hole at 2925 feet, it has been obvious that the drill was in the Calcareous.

The log of the well has been running pretty uniform in comparison with Royalite No. 4. At this rate the lime should be reached in about 450 feet. Another gas strike is expected in about 100 feet. The 10 1-2-inch casing, now at the 2830 foot level, is being carried down as far as possible.

Another flow of high pressure gas was struck in the Fernie shales between 2830 and 2850 feet on Tuesday.

McLEOD NO. 2 READY
FOR ITS SECOND SHOT

With eleven feet of 6-inch hole drilled alongside the top bit at the bottom of the McLeod No. 2 everything is in readiness for shooting

Ranchmen Start at Important Test at Aldersyde

On New Year's day a test of the Gordon Campbell-Alberta dome was commenced when the Ranchmen's well was spudded in two miles north of Aldersyde. Drilling has been proceeding steadily ever since. John Drader, pioneer operator and driller, is in charge of the drilling, while Ed. Kenney, a director of the company, is supervising the field work.

There is considerable interest in this test in view of the prolific gas strikes in water wells on the structure and because of the field having recently been geologized by Gordon Campbell, noted Montana geologist.

THE WESTERN OIL EXAMINER

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EVERETT D. MARSHALL - MANAGING EDITOR
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 D. AUSTIN LANE - EDITOR

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CENTRALIZING NEWS OF OIL INDUSTRY

When this publication made its appearance a little less than a year ago, oil interest was then largely concentrated in the work which was under way in Alberta. During the intervening period, drilling operations were carried on in new territory and the news we have given, and the fields which have been covered, include the four western provinces, and also the Montana fields, in-so-far as they directly apply to the activities of western Canadian investors and operators.

Commencing with this issue the name has been changed to The Western Oil Examiner, as more clearly indicating the territory which is included in our reports. The sudden revival of interest which was then indicated in Alberta and the wonderful record of operations which were carried on and which will be increased during the present year, look as though they would be repeated in other western provinces during 1927.

The latest interesting news is in regard to the Grandview well, in Manitoba, where there has been fair production struck at a comparatively shallow depth, and there is no reason to doubt but that drilling which will be carried on in other parts of the province, will be successful.

Saskatchewan has a number of tests under way, and there will be operations carried on in a number of new fields, in addition to those which are already receiving drilling attention. Prairie structures in all the three provinces lying east of the mountains are arousing great geological interest and there will be many test wells put down.

British Columbia investors, like those in other western provinces, have been supporting the oil development in their own province and in Alberta, as well as sending quite a lot of money across the line into oil states. Tests which have been carried on in the southeastern corner of the province and throughout the fields lying towards the coast will be continued during the present year. The well being drilled in the Sumas field by the Empire company, has what is close to a drilling record for depth in Canada, and it is

hoped their operating troubles will soon be overcome and the deep test continued.

Calgary is favorably situated as a news gathering and distributing centre, and it will be the aim of The Western Oil Examiner to tell an interested public, covering every province in Canada, a great many of the states, as well as readers in the British Isles, the Continent, South America, New Zealand, Sandwich Isles and Suva, what progress is being made in bringing into production the petroleum possibilities of the Canadian west.

DO YOU REMEMBER?

The Western Oil Examiner is this week reprinting condensed oil information of oil activities taken from the files of The Market Examiner, which had up to a short time previous to the issuing of The Western Oil Examiner by the same ownership, been carrying news of the various fields each week.

The items which will appear for a time will be from the papers of five years ago, and they will serve to show those who are taking an interest in the work for the first time, that for years past there have been people investing, drilling and writing about the development of Alberta oil fields.

HIGHLAND CLOSED DOWN FOR WINTER

The Highland well has been shut down for the winter at a depth of approximately 3080 feet. Operations will be resumed in the spring. The following statement has been issued by the directors of the company through A. G. Straker, manager of the Highland:

"The Highland Oil Co. has decided that the severity of the weather is not conducive to economical drilling, and the directors came to the conclusion that the holidays afforded a good opportunity to close down operations until the worst of winter's possibilities, in the way of weather are over.

"The hole is cased with 10-inch casing to a depth of over 3000 feet, and this casing together with about 80 feet of open hole has been cemented, with the cement drilled out ready for going down with the eight-inch casing as soon as operations open up again. This leaves matters in the field in splendid shape for resuming operations in the early spring.

"The directors consider that the financial position is such that on re-opening operations in the spring the well can be carried down to productive depth."

EXTEND TIME LIMIT FOR STOCK OPTIONS

Offer Open to Cooper-Nanton Shareholders Until January 22

The crew at the Cooper-Nanton well are still waiting for the new cable with which drilling operations will be resumed, and which should arrive next week. The directors have extended the time in which shareholders may secure options on additional stock, to January 22.

PASS DOWN 1330 FT.

It is expected that the Pass well, in the Kevin-Sunburst field, which is financed by Lethbridge capital, will be completed this week-end. Early this week it was at a depth of 1330 feet, within 100 feet of the production level, where drilling activities were held up temporarily through losing a bailer.

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ESTIMATES OF WORLD OIL RESERVES IS GUESSWORK

(Continued from Last Week)

Elsewhere among South American countries Peru ranks after Venezuela on the production list with an output last year of 9,164,000 bbls. Peruvian production, which has been steadily increasing for a number of years, is all obtained from a comparatively small area near the coast, but there is reason to believe that the producing area could be extended inland if transportation difficulties could be overcome. The Argentine is the one other country in South America at present with an important oil industry, and this seems destined to grow one day to large proportions. Its progress, however, would be much more rapid if the present policy of the Government did not have the effect of discouraging the great oil companies of the world from taking a more active part in the development of the country's oil resources.

Coming to Europe, we find Russia—third in order of importance among world producing countries—recovering some measure of her pre-war importance in the petroleum industry. Being in possession of the confiscated properties of foreign oil enterprises, the present rulers of Russia have found in the country's oil fields probably their most important external source of revenue, and this they are exploiting to the full, although they are, at the same time, apparently starving their own country of oil in order that they may increase their exports and thereby swell their credits in foreign countries. Russia

is undoubtedly rich in oil, and, apart from the areas now undergoing exploitation in the region of the Caspian Sea, it is probable that other rich fields exist in other parts of this vast territory. The nationalization of the industry is, however, a serious handicap to the development of these resources, and until the Russian people succeed in re-establishing a proper regime and in restoring the rights of private ownership, the oil industry is bound to suffer owing to lack of the advantages of competition and of commercial enterprise.

Rumania, which last year produced a total of 16,600,000 bbls. of oil—an increase of 3,300,000 bbls. over the 1924 total—is another country in which recent developments promise to result in a marked expansion of its oil industry. During last year, deeper drilling in oil producing areas discovered new and prolific oil strata, and, at the same time, new areas which were previously looked upon as doubtful have responded most satisfactorily to the test of the drill. The output of Rumanian oil wells last year exceeded the highest prewar level by over 3,000,000 bbls., indicating that the Rumanian oil industry, which was greatly curtailed during the war owing to military exigencies, has now more than recovered its former position, notwithstanding that, since the war, it has been severely handicapped by certain political and economic factors. With these now less in evidence, the industry will, doubtless, show still further material progress in the near future.

At the present time Poland is the only other country of Europe with an oil in-

dustry contributing to an appreciable extent to the world's oil supplies, though France, Germany, Italy and Czechoslovakia are all producers in a small degree. Another country of some interest as a prospective oil source outside of these is Albania, where drilling is now in progress.

Apart from the production in Egypt and a very minor output from Algeria, Africa, is virtually an unknown quantity from the point of view of oil reserves. Oil exploration over large sections of the Dark Continent offers very great difficulties, but to my mind it is taking an unduly pessimistic view to rule so vast an area out of all calculations as to future supplies of oil. More probably, if and when Africa is opened up, oil will be found there as elsewhere throughout the world, though naturally no one can speak with any assurance on this point. Australia, New Zealand, New Guinea, China and Japan may also be counted as possibilities, since the search for oil in none of these countries has as yet been carried on with any thoroughness.

Asia at the present time has two areas in the front rank of the world's producers: Persia, which occupies fourth place with a production last year of approximately 34,665,000 bbls.; and the Dutch East Indies, which (with the output of British Sarawak included) produced 26,000,000 bbls. In addition to these areas, India gave the total of 8,500,000 bbls. Of Persia I speak, of course, with more intimate knowledge. It gives every evidence of being immensely rich in oil, its present output being limited solely by pipeline capacity and the problem of marketing the oil produced. In the Dutch East Indies and Sarawak production is increasing, and these islands should continue to constitute a valuable supply for many years to come. India last year gave a slightly diminished production, but exploration work of a promising character is being carried on in this country, and as the industry is in capable hands the prospects of the maintenance of a steady production at approximately the present level for a considerable period to come seems certain, even should no further important fields be discovered there.

I have confined myself in this brief review almost entirely to remarks upon known producing areas; but there are two other potential oil sources in Iraq of so great importance that no general survey of the oil industry would be complete without a reference to them. These are the great areas under license to the Turkish Petroleum Co., an organization which includes in itself practically all the main oil interests of the world and the new Naft Khanch field is now being actively carried out by the Anglo-Persian Oil Co., and

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that of the Mosul area may be expected to follow rapidly now that the Turco-British treaty relating to Mosul has been signed. These two areas may prove very rich sources of oil and may add largely to the world's oil supply. — Oil and Gas Journal.

File on 10,000 Acres Near Grandview Oil Well

GRANDVIEW, Man.—Over 10,000 acres of leases have been filed on in the vicinity of the Ross discovery well, ten miles from here since the strike of the potential commercial producer which has an estimated flow of 35 barrels per day of crude oil, testing 42 degrees beaume. When the last report was received from the field there was 650 feet of oil in the well, being less than 50 feet from the top. The depth of the hole is just under 700 feet.

During the six weeks of drilling little difficulty was encountered by the crew. At one point water was struck in such quantities and with such a pressure that it gushed 12 feet above the top of the casing. This was soon shut off successfully.

M. W. Ross, Montana operator, who was responsible for drilling the well, had the site carefully selected by J. W. Walker, geologist, who visited the district during the summer and made an extensive survey of the territory. Mr. Walker said that he was convinced that if there was any oil in the vicinity it would be found in the escarpment of the Duck and Riding Mountains.

Mr. Ross was positive that when he commenced drilling that he would not have to go down more than 1000 feet.

The nearness of the railway station to the site is an assurance that the cost of operating wells will not be large.

GOLD COIN DOWN 500 FT.

Drilling is proceeding at the Gold Coin well west of Morley, around the 500-foot level. The hole was down 437 feet when W. W. Wilson, president of the company visited the well on Wednesday afternoon. The cores show the slope of the well to be between 25 and 40 degrees in the Bentons.

BIG CHIEF GOING AGAIN

After being closed down for ten days while part of the crew were on a holiday and the others were effecting repairs, drilling was resumed at the Big Chief well on Wednesday night, at 4030 feet. The crew are working double tower.

Imperial Buys Large Crude Shipment in Wyoming

CASPAR, Wyo.—Ohio Oil Co. has closed a contract with Imperial Oil Ltd., for the shipment of 300,000 barrels of Big Muddy crude petroleum to the Imperial refinery at Calgary, Alberta. The company has something like 250,000 barrels of Big Muddy and Salt Creek crude in storage at Parkerton and has already started loading out tank trains from that station to Calgary. The crude is to be delivered in Calgary within the next 90 days at the rate of 2 tank cars daily. The additional crude, approximately 50,000 barrels above that now in storage in Parkerton, will be made up from production at the company's wells in Big Muddy and Salt Creek between now and the final date of delivery.

Heretofore Imperial Oil Ltd., Canadian subsidiary of the Standard Oil Co., of New Jersey, has been buying most of its crude from the Ohio and Carter companies with the bulk of it being shipped from the Kevin-Sunburst field in northern Montana. Since the production in that field has fallen off so rapidly, the Canadian company has been buying more heavily of Wyoming crude.—Inland Oil Index.

ALERT PLANS TO DRILL WHEN WEATHER PERMITS

The standard drilling rig belonging to Alert Oils Ltd. will be moved from Okotoks to the Turner Valley as soon as W. G. Wasmansdorff, secretary-treasurer of the company, returns to the city. He is expected back in the next week or two. Drilling will be started as soon as weather permits. The company location is in 7, 31-19-2-w5.

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Ned Swanson, writing from Chicago, states that investors there are very bullish on the Turner Valley and that interest in Alberta oil stocks has increased about 1000 per cent. around the Board of Trade.

There has been considerable demand for Dalhousie during the past week. S. Spafford got a mail order to buy 500 shares at \$2.10. On wiring to his client that they had gone up to \$2.45 he was instructed to buy just the same.

It is scarcely likely that the Vulcan people will pull off an explosion just to oblige their farmer friends in the district, but J. K. Abbis, whose farm is about four miles southeast of the well, found that the "big noise" was of great assistance to him in loading some pigs. On the afternoon of the explosion he had a bunch in the pen that he was trying to drive into a chute for loading and with the usual porcine perversity they would go every place else but where they were wanted to. Then came the tremendous jar of the explosion and the pigs with wild squeals of alarm made a wild dash for the chute and into the wagon-box, where they lay down quietly, apparently terrified by the noise.

A Hutterite farm colony near New Dayton is planning to use gas for electricity. They make some of our local power experts look unprogressive to say the least.

After the yearly statement of Royalite is published, we are quite sure it will be a barometer for a lot of investors to follow and see quite plainly that Turner Valley has the goods. How

they are likely to spend all the profits remains to be seen. However, we are here to predict that the checks mailed to shareholders this year will look quite different than those mailed last.

Col. Jimmy Lowrey has his two gangs on the Home wells running on high these days. Don't be surprised if you see a surprise formation hit by them before many days.

The closed K. K. K. well out in the Morley reserve is making good progress. The last report from Contractor Norman was that they were 400 feet deep. If "doodlebug" stories carry any weight, they are only 1400 feet away from production. The diamond drill out there is working nicely since they overcame their troubles getting past the boulders.

The good hard roads to the field this week enabled some companies to get out heavy material. Big Chief landed its 6000 foot cable, and Vulcan their new separator.

Dolomite has not yet started working on the New Year. It may be a few days before they get going. In the meantime, Driller Cowles is working at the Okalta in the place of Sam Bowser, who left the job on Tuesday.

Bill Applegate was seen going south on the train the other day and we presume he was down around the Bow Island field checking over things.

Driller Johnson, the diamond drill man formerly with Illinois, has gone over to the Dalhousie. Johnson likes this country. He thought enough of it to bring his wife out from Chicago. They have taken up quarters on the Dalhousie lease for the time.

Mike Doyle, the Sullivan diamond drill superintendent, has been in Chicago for the past week but is expected back here on Monday.

Jack McLeod of the Dalhousie, is sure wearing out some tires these days to and from the field. Every day that travel is possible we see Jack hitting the iced roads at about forty-five per.

The nice weather in the early part of the week gave the men a chance to get a lot of water pipe work done and enable them to get under cover before the next cold snap hits the field.

Word from Bill Neermann down at Alton, Illinois, says he has not been well since leaving Alberta. Bill is an Alberta convert and is coming back to the scene of action as soon as he is able to get his personal affairs in Illinois arranged.

W. J. Douglass, managing director of Signal Hill, has gone out today to Priddis to dig coal. Once upon a time he was a druggist—not a shoe merchant—but since getting on the board of Signal Hill he has been game to do most anything to speed up the work.

That rumor about 1500 feet of green oil in the Imperial Jumping Pound well on Wednesday did not create much of a stir as the Imperial officials did not know anything about such a strike.

The working of the big Dalhousie mogul drill will be watched with as keen interest as was

the little drill used by Illinois. Now what we would like to see is Dalhousie carry out a test and push that drill as far into the lime as the lime goes, whether it be 300 or 3000 feet. We would like to see what is underneath all of that lime.

Tronson Draper is expected back from the east most any day now. Suppose he will tell us of the 1927 drilling program then? Maybe so—not.

The Illinois, like the Royalite Four, is being equipped with a safety pop off valve, so that whenever the pressure goes higher than a set figure it will blow off, just like a steam engine does. Vulcan is also fitting themselves with the same piece of hardware.

Sam Fee, the genial president of Signal Hill, has gone to Edmonton in response to an enquiry for a bunch of Signal Hill stock. Sam prefers the comforts of a Pullman to a jitney ride over the cold prairie.

The Toronto Saturday Night has been a little better to us since the time Mr. Pickwell got the facts and figures from the scene of action and the latest front page article on "Is there oil in Alberta?" read as though some of us are going to yet get in on dividends some of these days.

Well, we saw Bill Livingston hitting the high spots in great fashion on New Year's eve at the Palliser. Bill sure can throw a fancy foxtrot and his waltzing equalled that of a regular sheik.

We believe the Royalite year closed on Nov. 30. Soon the auditors will have some figures on earnings. My, what a fine piece of fuel that is going to make for those in the east who were

SIGNAL HILL IS THE KEYSTONE OF THE MOOSE MOUNTAIN ARCH

We had a bad cave-in at the coal mine and a crew have been working for the past week cleaning it up.

This has prevented us getting out our coal as quickly as we would have liked, but the beginning of the coming week should see us mining and hauling coal.

Without coal we cannot drill. This is the only thing that has held us up, but once started we shall rush things along.

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dubious about what we have out here. Wellington Jeffers should find some very interesting reading in the annual reports of Royalite, to say nothing about what the pessimists in the east will learn.

Jack Dallas is still in Winnipeg. He will do a lot of good for the field while down there, as he has had a lot of experience already after drilling the Dallas well and pulling its casing and then getting the Calmont down to Dakota in record fashion.

W. S. Herron is a daily worker on the Okalta lease. He is sure not passing up opportunities to see all the gangs at work.

The Illinois, although through drilling, still have a double crew on duty. A fireman who keeps up steam and a man in the derrick at all hours watching pressure gauges, is necessary at all times. They are taking no chances of something happening without a man being on the job to handle.

They are getting a great bunch of diggers on the Imperial well at Ribstone. Pat Adams is one of their chief performers and there are several more of the boys from Wainwright who have moved to the new field. When those Wainwright guys step on it, it surely goes round.

The way that Stockmen well is looking, we might yet see a shallow field somewhere around Turner Valley. And now comes the suspicious hard formations down around the Dalhousie 5 location. This might be the sign of lime for all they know just now. Lime at less than 3000 feet would be a welcome find, eh?

Big Bill Brandell is still in town, waiting for the Cooper-Nanton cable to arrive. Bobby Burns is still out on the lease.

Co-operative Oils Limited had a directors' meeting on Thursday night and action from that source may be looked for at any time now.

Shooter Wilcox, who handles the nitro-glycerine to do the shooting of the many wells in Montana, is doing the work for the McLeod company. It will be interesting to the ladies to know that Mrs. Wilcox is her husband's assistant at this hazardous task. This little lady accompanies her husband on all the shooting jobs and takes her part in the dangerous work. We often wonder why this is, but have come to the conclusion that this must have been a marriage contract. It's a cinch that if either one is blown up the other would be on the same road, wherever it might be. One ounce of this explosive would destroy a building. McLeod well was brought 150 quarts by automobile from Montana. Imagine the result should they meet with an accident on the way to work. Ye gods, little lady, we'll say you are a real brick!

DALHOUSIE 1 NEARLY READY TO GO AGAIN

Everything is practically ready to start drilling at Dalhousie No. 1 with the diamond drill the first of the week. The drill stem is now being lowered to the bottom of the hole at 3593 feet.

As the well is believed to be on the top of the limestone early results are expected.

WABASH GETTING NEAR BOTTOM OF DAKOTAS

Drilling is proceeding steadily at the Wabash well on the Lea lease near Morley. The hole is now at the bottom of the Dakotas. The formation is truer than was expected.

Do You Remember?

From The Market Examiner of Five Years Ago

JAN. 5, 1922

CALGARY.—Next week Royalite and Southern Alberta wells will start assisting to supply the Calgary gas requirements. Royalite wells are to be used first and the Southern Alberta hooked on later. The total flow is expected to be about 7,250,000 cu. feet, the wells supplying: Royalite No. 1 ----- 3,500,000 Royalite No. 2 ----- 2,000,000 Royalite No. 3 ----- 1,000,000 Southern Alberta No. 1 ----- 750,000

MANNVILLE—This week a drilling rig was unloaded here and active operations are to start at once.

BIRCH LAKE—J. A. Talpey is expected to go to California soon to see about drilling equipment and casing for the well here.

FABYAN—The rotary is making good progress and had their 15-inch casing set at 500 feet.

POUCE COUPE—Fifteen sections of oil leases, possession of which had been sought for by the Imperial oil company and a Grande Prairie syndicate have been

decided to be the property of the syndicate.

MANY ISLAND LAKE—Considerable water and a heavy seepage of oil has been struck by the Medicine Hat company.

WETASKIWIN—Shareholders of the Mutual Oil Co. have decided to continue drilling operations throughout the winter.

EDMONTON.—Homer Bradley, who drilled the Nakamun well when it was shut down in 1914, still has faith in the well, which was drilled to 1400 feet.

ALDERSYDE—There was a flow of gas struck in the Drumheller well

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Announcement---

We are pleased to announce that we have secured the services of Mr. A. M. Ferguson (formerly of the Cooper-Ferguson Agencies) as our representative on the Calgary Stock Exchange. Mr. Ferguson is one of the pioneers of the Exchange, being one of the first members to enroll at its opening. With his experience you are assured of first class service.

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THURSDAY, JAN. 6
Morning Sales
Alta. Pacific Con.—10 10s@24; 50@24; 25@24; 20@24; 11 10s@24; 10 20s@24; 4 25s@24; 2 50s@24; 2 50s@24; 50@24; 2 25s@24; 10 10s@24; 2 50s@24; 5 10s@25; 50@24; 8 25s@24; 25@24; 5 10s@25; 3 10s@25; 5@25; 50@24; 2 100s@23½.

Black Diamond—100@28.

British Dominion—2 25s@50.

Dalhousie—2 10s@2.80; 2 10s@2.80; 2 21s@2.75; 8@2.75; 10@2.80; 8@2.80; 7@2.80; 3 10s@2.80; 8@2.80; 7@2.80; 3 10s@2.75; 38@2.75; 7@2.70; 10@2.75; 10@2.75; 20@2.70; 2 25s@2.70; 25@2.70.

Highland—500@22; 4 10s@27.

Illinois-Alberta—50 10s@1.02; 40 10s@96; 10 10s@96; 9 10s@96; 2 10s@96; 3 10s@96; 20 10s@96; 10 10s@96; 100@95.

McDougall-Segur Exp.—5 10s@1.60; 5@1.65.

McLeod—10@4.05; 5@4.10; 2 5s@4.10; 2 5s@4.10; 5@4.10; 5@4.10; 2 5s@4.10; 2 5s@4.15; 2 5s@4.15; 1@4.30; 3 1s@4.30; 5@4.15; 4 5s@4.15; 10@4.10; 5@4.15; 5@4.15; 10 10s@4.05; 5@4.00.

Mid-West—5 10s@55; 2 10s@55; 50@50; 2 25s@52½; 2 25s@52½.

Royalite (new)—10@32.00; 2 5s@32.50; 5@32.50; 2 5s@32.50; 2 1s@33.00; 10@32.50; 10@32.50; 10@32.50; 10@32.25; 3 1s@33.00.

Turner Valley—50@40; 50@40; 50@40.

United Oils—25@1.27½; 10@1.30; 10@1.30; 3 10s@1.30; 10@1.30; 20@1.27½; 50@1.27½; 3 10s@1.30; 10@1.30.

Vulcan—10s@4.05; 10@4.05; 2 10s@4.00; 8 10s@3.95; 5@4.00; 2 5s@4.00; 10@3.95; 5 10s@3.95.

Afternoon Sales

Alta. Associated—10@35.

Alta. Pacific Con.—10 10s@25; 5 10s@25; 2 50s@24; 100@24; 100@24; 50@23½; 100@23½; 2 25s@24; 4 25s@24; 50@24; 100@24; 4 50s@24; 100@24; 2 100s@24; 2 25s@24½.

Black Diamond—2 100s@30.

British Dominion—2 25s@50; 2 10s@55; 5@55.

Cooper-Nanton—7 10s@36; 2 10s@36.

Dalhousie—10@2.75; 2 10s@2.75; 10@2.75; 2 10s@2.75; 3 10s@2.75; 4 10s@2.75; 2 10s@2.75; 10@2.75; 2 10s@2.75; 2 5s@2.80; 3 10s@2.75; 10@2.75; 2 10s@2.75; 4 10s@2.80; 10 10s@2.80; 2 50s@2.75; 2 10s@2.75; 3 10s@2.75; 3 10s@2.75; 10@2.75; 7 10s@2.75; 2 10s@2.70; 10@2.75; 10@2.75; 10@2.75; 3 10s@2.75; 2 10s@2.75; 2 5s@2.75; 2 10s@2.70.

Highland—5 10s@27.

Illinois-Alberta—2 10s@96; 5 10s@96; 2 25s@95; 5 10s@96; 3 10s@96; 10 10s@96; 14 10s@96; 10 10s@96; 100@95; 10 10s@95; 10 10s@95; 16 5s@96; 8 10s@95; 20@95; 10 10s@96; 4 10s@96; 5 10s@96.

McDougall-Segur Exp.—5 10s@1.60; 5 10s@1.60; 15 10s@1.60.

McDougall-Segur (new)—20@1.25; 20@1.25; 10 10s@1.25; 10 10s@1.30; 2 10s@1.30.

McLeod—10 5s@3.95; 10 10s@4.25f; 2 50s@3.90; 5 2s@4.05; 5 1s@4.05; 10@3.90; 50@3.87½; 50@3.87½; 5@3.95; 2 5s@3.95; 14 5s@4.15f; 5@3.95; 5 2s@4.00; 2 1s@4.10; 2 5s@3.95; 3 10s@3.90; 5@3.95; 3 1s@4.10; 10@3.90; 5 2s@4.00; 3 2s@4.00; 3 2s@4.00.

Moose Mountain—25@25; 11 10s@25.

Royalite (new)—2 10s@32.50; 1@33.00; 1@33.00; 5@32.50; 3 1s@33.00.

Turner Valley—2 25s@40; 10 10s@45; 5 5s@45.

United Oils—3 10s@1.30.

Vulcan—4 10s@3.95; 10@3.95; 10@3.95; 5@4.00; 5@4.00; 5@4.00; 2 10s@3.95; 5@3.95; 2 5s@3.95; 10@3.95.

HUTTERITES STRIKE
GAS AT NEW DAYTON

Encounter Flow While Drilling Water
Well—Enough Gas for
Domestic Use

The Hutterite Miami colony, near New Dayton, Alberta, after putting in a waterworks system which cost upwards of \$10,000, have now sent for a reserve tank for their natural gas which they struck while drilling for water. At present their intentions are to use the gas for cooking and heating purposes only, but later they will convert some of the power into electricity which will make the farm one of the most modern in southern Alberta.

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Illinois-Alberta now on production

The Illinois-Alberta well is now on production. Results in the few days it has been connected with the Smith separator have been very satisfactory under the conditions. In order to conserve the wet gas it was necessary to keep the well partly frozen in. It will be thawed out as soon as "safety first" measures, which include anchoring all the valves to the casing, which, in turn, will be anchored to huge cement blocks, have been taken. Then with a gauge on the casing-head that is capable of standing 3,000 pounds pressure the well will be completely thawed out. Preparations are being made to undertake a thorough production test next week.

Illinois-Alberta - Oils - Limited

414 MACLEAN BLOCK
CALGARY

Cherokee Will Resume Drilling in Few Days

SHAREHOLDERS AUTHORIZE DIRECTORS TO PROCEED WITH DEVELOPMENT

At a meeting of the shareholders of the Cherokee Oil & Refining Co., Ltd., held in Orange Hall yesterday, it was announced that drilling will be resumed in the Moose Mountain field in a few days, just as soon as a drilling contract has been completed.

R. J. Dick, president of the company, who presided, read the report of the directors which showed that since the new board took office on December 3, the liabilities of the company have been reduced from \$1410.86 to \$187, and the cash assets have been increased from \$14.80 in the bank to cash on hand and in the bank amounting to \$2006.73. This means that the company is \$3315.79 better off than at the time of the annual meeting a month ago.

The increase in the amount of cash on hand was due to the payment of transfer fees, the waiving of a salary claim by the former managing director and other adjustment of accounts as explained in the directors' report.

The meeting authorized the directors to proceed with development and resume drilling without delay.

In order to get as many of the shareholders as possible to register the office of the company will be opened for one week for the transfer of certificates without charge. The date for this will be announced later. A charge of 25 cents per certificate for splitting shares will be made.

In reply to a question from a shareholder the president stated that the drilling outfit was in the best of condition with everything in readiness for resuming work. The well, situated in 7-8, 33-23-5-w5, is down 1894 feet and in the Dakotas.

The following is the report of the directors: "Your directors elected at the annual meeting held on December 3, 1926, beg to submit the following:

"Your auditor's report, read at the annual meeting, showed that there was due for manager's salaries, the sum of \$816, and we are pleased to inform you that these amounts have been waived. The report also showed that there was due for bookkeeper's salary the sum of \$375, but upon investigation we found that the amount was not correct, as the bookkeeper had been paid in full.

"The report also showed that the former directors were indebted to the company for transfer and splitting fees, but it would appear that they had never been asked for the amount, and which we are pleased to say, has been paid in full.

"We also found that your former managing director had charged certain items to the company which were not chargeable

and as the items totalled up to a considerable amount we thought it best to send our president to the coast at your expense to interview the former managing director, which proved very satisfactory, as your returned with a completed statement.

"The sundry liabilities have been reduced from \$1410.86 to \$187 and the cash assets increased from \$14.80 in the bank to cash on hand and in the bank \$2006.73.

"Your directors have nearly completed arrangements with the driller and expect to be drilling within the next few days."

At a special meeting following the general meeting, it was decided not to sell the assets of the company to the Derrick Oil & Natural Gas Co., Ltd. The latter company offered to have \$5000 on hand to finish the well and give Cherokee shareholders one share of Derrick stock for two shares of Cherokee. William Ireland was re-elected auditor.

Beattie Syndicate Plans Extensive Operations

Gordon N. Beattie and Associates, known as Ribstone Petroleum Syndicate, 426 Vancouver Block, Vancouver, holds 14,000 acres en bloc in township 43, range 3 on the Ribstone structure. Mr. Beattie who is well known in oil circles, has the distinction of being the first to file on such a large area on the Ribstone, and was also one of the fathers of the Wainwright field.

The Ribstone Petroleum Syndicate are entering on an extensive development program and will thoroughly exploit their holdings. In addition to those who are already on the ground, several other wealthy oil concerns have signified their intention of entering this field immediately.

It is men of Mr. Beattie's foresight and optimism who are responsible for the development of what will prove to be one of Canada's most important resources.

UNITED WILL LIKELY DRILL IN 24-20-3-W5

It has been practically decided by the directors of United Oils, Ltd., that the company will drill in Turner Valley in the spring. The most likely location will be the s.w. corner of 2, 24-20-3-w5, a mile north of Vulcan No. 1.

OPEN NEW OFFICE

Hardie, Thorne & Dickie have opened one of the finest ground floor offices in the city at 711 1st St. E. They also have an office at 302 Dominion Bank building.

Spooner No. 1 Well Drilling at 600 Feet

Drilling steadily since it was spudded in during the holidays, Spooner No. 1 well was at a depth of 600 feet yesterday.

Work on Spooner No. 2 well will proceed without delay, according to M. R. Smith, secretary of the company.

A. G. Spooner, president of the company, wired from the east this week that he had obtained one of the best heavy duty standard rigs available, which he was shipping immediately.

The derrick for the well is being erected now. The location is just north of Vulcan No. 1. A limited amount of the stock is still available at \$1 par.

The gas coming out of the Vulcan well appears to be much wetter than before the explosion, which indicates that the production may be increased somewhat. It was connected with the new separator yesterday afternoon.

Production figures from the sale of naphtha to the Imperial refinery show that the estimate of production of from 140 to 150 barrels per day was pretty near the mark.

Jones, Henderson and Wright Case Remanded

The hearing of the case against J. O. Jones, former president of the Signal Hill Oil Co., Ltd.; T. J. Henderson, former managing director of the company, and Chas. A. Wright, who, with the other two, is on the board of directors of London Oil Securities, formerly fiscal agents for the Signal Hill, was remanded in police court on Thursday until next Monday.

Bail for the three was renewed.

The charge reads as follows: "That Thomas J. Henderson, J. O. Jones and Charles A. Wright, between July 1 and October 14, 1926, did conspire together with each other, by deceit and other fraudulent means, to defraud the Signal Hill company out of 75,000 shares of stock by false pretences."

The shares in question were issued for 640 acres of leases, 320 acres of which were in the Paramount area and the rest in the Highwood district. The transaction was severely criticized at the annual meeting of the directors in November.

Douglas was the only witness heard on Thursday. E. F. Ryan, solicitor for the company, conducted the prosecution, while J. E. Varley appeared for the defense.

Douglas placed part of the blame for the low price of Signal Hill stock on Henderson and Jones, stating that they flooded the market with shares in 10 and 20-share lots, taking any price they could get for them. Douglas and Varley had

a spirited argument regarding the value of the 75,000 shares in question. Mr. Varley said that their present value was not over \$10,000 and asked the witness if this was so.

IMPERIAL RIBSTONE

IS DRILLING AGAIN

Drilling has been resumed at the Imperial Ribstone well which was at a depth of 1910 feet Thursday. Production conditions are unchanged.

The Burdett well is down 3170 feet still drilling in hard limestone.

GREAT WEST FISHING

The Great West crew have resumed fishing operations to recover the bit which was lost beneath a cave in. The tools have been loosened and brought up a short distance. Six pieces of the cable have been broken off and if the bit is not brought out with the cable a socket will be run down to bring it up. The Great West is 5330 feet deep.

Cooper-Nanton Oil Company, Ltd.

The period during which shareholders may subscribe for further shares to the amount of ten per cent. of their holdings has been extended to January 22nd.

The directors decided that it was advisable to take this action on account of the Christmas season.

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We invite investigation by yourself, your lawyer or your banker. They will find that not only are you getting more than a run for your money, but that safeguards for success, when achieved, have been provided so that it may not escape or evaporate like a morning mist.

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Alberta's Natural Gas Industry

By S. E. SLIPPER, B.Sc.

(Continued from last week)

After the Fernie formation, which lies beneath the Kootenay formation, had been drilled through the Paleozoic, limestone formations were penetrated, and it is from these beds in fractured zones and possibly in porous dolomites that the large productions of gasoline gas are being obtained. The largest flow is about 20,000,000 feet. The wells which have drilled into the limestones are all about 4,000 feet deep, and as the closed pressures of gas wells generally bear some relation to the hydrostatic head, we would expect a rock pressure of about 1600 pounds to the square inch. The rock has not yet been gauged, but there is reason to believe that it is more than this, possibly 2000 pounds to the square inch. So that the gas horizons in the foothills, using Turner Valley as the type, are the basal Colorado, one pay sand in the Dakotas, two pay sands in the Kootenay and the Paleozoic limestones.

The southern Alberta plains is that part of the plains in Alberta from the boundary north to the main line of the C.P.R. The geology of this region is very similar to that of the Kevin-Sunburst area. The Sweetgrass arch extends northward into Canada for many miles. Its summit, however, is farther westward than shown on the published maps of Alberta. The arch in its northwest extension pitches quite rapidly; for instance, the Virgelle sandstone which forms the western escarpment in the Kevin-Sunburst field is there at an elevation of about 4000 feet above sea level, while at Bow Island it is encountered at a depth of 800 feet and is about 2000 feet above sea level, so that north of the boundary the drilling depths to the same horizons are much deeper than in northern Montana.

In general, the gas horizons in southern Alberta are equivalent to those in Montana. The Rogers Imperial well obtained large flows of gas in the Ellis formation and both the Rogers Imperial and the Erickson Coulee well discovered gas pays of large volume in the Sunburst sand. Both these wells are on subsidiary folds on the north flank of the Sweetgrass hills uplift.

The main gas horizon of the southern plains is the Bow Island sand, which is in the Colorado formation about 200 feet above the top of the Kootenay. It is from this sand that our gas production is obtained in the Bow Island field, the Foremost field and the Barnwell field. The Bow Island and Foremost structures are local highs on a regional northeast slope—that is, the northeast slope of the Sweetgrass arch. In this respect they are similar to the local highs which govern the production on the arch in Kevin-Sunburst. These highs have a closure of about 50 feet.

Except for two unproductive tests on the international boundary, no test holes have been drilled on the summit of the Sweetgrass arch in Alberta.

The Medicine Hat field is productive from the Milk River sandstone, which is equivalent to the Eagle formation productive in this state at Havre. The controlling structure at Medicine Hat and Many Island Lake is obscure. The regional northeast dip continues through the province to the bottom of a geosyncline which crosses the province north of Red Deer. From here northward, the strata have a regional northeast rise, and we find another tremendous gas-bearing area extending northwesterly through the central and north part of the province. In this region, we have the Wainwright, Viking, Pelican and Peace River gas fields.

The gas horizons so far encountered are a sandstone in the basal Colorado and one or two horizons in a lower cretaceous sandstone series, possibly equivalent to the Kootenay formation of the southern part of the province. The Jurassic beds, as represented by the Ellis in southern Alberta, are absent, and the Lower Cretaceous rests directly on Devonian limestones.

The gas accumulations are on terraces in the case of Wainwright and Peace River and on a local high at Viking. The structure at Pelican is obscure. The possible gas-bearing area of the province is very large. A very large part of it is, however, of only casual interest because of being too far distant from the gas-consuming centres—Calgary and Edmonton. The possible gas-bearing areas available for the service of Calgary and southern towns are the southern plains of Alberta and the foothills.

Recent geological work leads us to believe that the southern plains will yield us large supplies of gas for many years to come. The future gas supplies from the foothills will largely depend upon the oil exploration activity.

The Edmonton supplies will continue to be obtained from this central Alberta region—the northern area contains the Pelican and Peace River fields, which are too far away and too isolated to be considered, and it will be some years before they will be valuable.

The Medicine Hat gas field was developed early in the history of the province. The gas field underlies the city. The drilling depth is about 1000 feet. The open flow of a new well is about 3,000,000 feet. The closed pressure is now about 350 pounds. The gas is produced and distributed as a municipal enterprise. The drop in pressure has been about 50 per cent.

The Bow Island field was developed by the Canadian Western Natural Gas, Light, Heat and Power Co. to supply Calgary. Production began in 1912. The depth to the gas sand is about 2000 feet. The original open flow of the wells was from 8,000,000 to 24,000,000 feet and the original rock pressure 750 pounds. The field took all the Calgary load from 1912 to 1923. It is now used mostly as a standby field.

The Foremost field was discovered by the United Oil Co. in 1916. It was developed by the Canadian Western Natural Gas, Light, Heat and Power Co. It is now our main source of supply in the southern plains. The depth to the gas sand is about 2100 feet. The open flows are from 7,000,000 to 20,000,000 feet per day—the closed pressure about 700 pounds per square inch.

The Barnwell field was subject to considerable test drilling, but resulted in only one well. The closed pressure was originally quite high. It is now about 500 pounds. The field is serving a useful purpose as booster field and for summer consumption in the Lethbridge district.

All the gas received from Turner Valley is purchased from the Royalite Oil Co. Turner Valley at present is our main source of supply. There are two gas lines into Turner Valley. A 6-inch line is connected with a compressor station and absorption plant. Formerly the low-pressure gasoline gas produced by the Royalite company was stripped and compressed into the company's main line at Okotoks. The 10-inch line was constructed to transmit the high-pressure gasoline gas produced by Royalite No. 4 well. It connects with a scrubbing plant which eliminates the sulphur odor, and with Smith separators where the gasoline is condensed and from thence to the

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The Market Examiner Press

Office of Alberta Oil Examiner.

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well. The volume of No. 4 Royalite is 20,000,000 feet and the rock pressure is not known.

The well came in suddenly and so damaged the casinghead of the well that it cannot be closed in above 700 pounds. The surplus gas that cannot be taken by the gas company at this pressure is burned at the end of the waste pipe. During cold weather there is no flame at the waste pipe, but in summer this flame is quite spectacular.

The Viking field, supplying Edmonton, was discovered by a company proposing to supply Edmonton with gas. The development was subsequently taken over by the Northwestern Utilities. The depth to gas is about 2100 feet; the open flow ranges from 7,000,000 to 12,000,000 feet per day. The rock pressure is about 700 pounds per square inch. Edmonton is served through a 12-inch line.

The other fields are not yet connected with consumers. There are a number of shallow gas wells in the province which at some cases, as at Brooks and Wetaskiwin, supply sufficient gas for the few consumers in the vicinity.

ANSWERS

K. A. G., Regina: The Moose Mountain Oil Co. owns 3200 acres of choice leases in the Moose Mountain field, 30 miles west of Calgary and 17 miles from Cochrane station. The Signal Hill Oil Co., Ltd. secured 1600 acres to develop on a royalty basis of 12 1/2 per cent. for all wells except Moose Mountain No. 2 (Signal Hill No. 1), on which there is to be a 50 per cent. royalty on account of the well being nearly completed at the time it was taken over by the Signal Hill. The authorized capitalization of the Moose Mountain is \$500,000 with shares at \$1 par. Of this 200,000 shares have been issued including 100,000 shares of vendor's stock. Of this latter 60 per cent. is held in escrow.

NORTHERN STAR GETS WESTERN PETE. LEASES

Durham interests of Sisterville, W. Va. in their house organ, the Trico News, report the sale of the Western Petroleum Exploration Co.'s properties in the Kevin-Sunburst field in Montana, to the Northern Star Oil & Refining Co., for a consideration of \$250,000. The purchasing company is a subsidiary of the California Petroleum Corporation.

Operating properties, amounting to five leases of 900 acres were included in the transaction. On these holdings the company had drilled 18 wells, 12 of which had produced a total of 200,000 barrels of oil. In addition to the developed leases approximately 1400 acres in T. 35n, R. 2w, were transferred to the Northern Star.

For Ads. and News read The Oil Exam.

Plan Research on Gas as Source of Power

POWER ASSN. TO INVESTIGATE DIFFERENT GENERATING SYSTEMS

A thorough investigation of the possibilities of using waste gas for power purposes will be investigated by the newly organized Alberta Power Association. A. B. Mackay, president of the organization, told The Oil Examiner this week that an expert, perhaps several experts, will be appointed by the association to report on the oil fields as a potential source of electric power, as well as on the Spray Lakes project and the question of using coal.

"The association has not been formed to oppose necessarily the so-called Spray Lake hydro-electric development scheme," stated Mr. Mackay, "but it has been formed because many citizens have become uneasy about the wisdom of attempting that scheme and are questioning its soundness from an economic point of view. They wish to avoid all possibility of another of those large-sized blunders which keep occurring and which do so much to shackle a young community and ruin its opportunities of rapid development.

"It wants all cards laid on the table in connection with the Spray Lakes scheme. It wants a full and candid discussion of all material points which effect the issue, and it wants everybody concerned to be good-tempered about it. If those responsible for the Spray Lakes scheme can show that they will be able to supply power to Calgary and Alberta cheaper and better and as dependable as the competitive natural gas or coal systems, the association will support them.

"But if those who know can show that modern steam turbines with up-to-date methods of using gas or coal can give us cheaper power, always dependable, whether the rivers freeze up or not, the association would ask the proposers of the Spray scheme to give way."

Organizers of the association include the following: A. B. Mackay, barrister, president; T. Hobson, boiler inspector; Kenneth Moodie, former mine operator; L. L. Johnson, director of the Soldiers'

Civil Reestablishment department here; W. J. S. Walker, engineer; Alderman J. W. Russell; A. Walker, steam heating engineer; Lawrence Piper, D. Cunningham, J. J. Hawkins, engineer, and I. F. Fitch, barrister. Mr. Hobson is acting as secretary and the offices of the association are at 33 Lineham block.

MARLAND CO. HAS NO DRILLING PLANS YET

The Hudson's Bay-Marland Oil Co., Ltd., with head office in Edmonton, has not yet formed any drilling plans for the present year, according to word received from an official of the company. It was rumored that fifty wells would be drilled in 1927, but this has since been denied.

The company's geological survey program covers the three prairie provinces and will extend over a period of several years.

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Logs of Northwestern Wells in Which Alberta Is Interested

The following wells have been shut down for the winter: Imperial (Rice Creek), Devenish Pete., Black Rock, New Valley, Montana Major, Highland.

Company	L.S.D.	S.T.R.M.	Depth	Remarks	Anglo-Dutch	8	11-20-3-W5	Location.
ACADIA VALLEY—					Angus No. 1	3	3-21-4-W5	Location.
Fuego Oils	N.E.	34-25-4-W4	2860	Drilling.	Argyle, No. 1	1	33-20-2-W5	Location.
ALTARIO—					Big Chief, No. 1	3-4	5-20-2-W5	4030 Drilling.
Rosebud Syndicate	5	15-33-2-W4	....	Spudded in.	British Dominion, No. 1	4	5-20-2-W5	3970 Drilling.
BOW RIVER—					Bush Pet.	1	11-20-3-W5	Location.
Imperial, No. 1	15	12-25-5-W5	5080	Drilling.	Calmont	2	1-20-3-W5	3025 Drilling.
Mount Royal	36	25-5-W5	....	Location.	Canada Southern No. 1	9	1-20-3-W5	2605 Shut down.
COALSPUR—					Coast to Coast O. H.	8	11-20-3-W5	Location.
Imperial, No. 1	10	3-49-31-W5	3970	Abandoned.	Cooper-Nanton, No. 1	2	7-20-2-W5	4840 Await cable.
COUTTS—SWEETGRASS—FOREMOST—BURDETT—					Co-Op. O.S.	8	1-20-3-W5	Location.
Anglo-Wainwright	4-2-11-W4	....		Location.	Confederation	9	34-19-3-W5	Location.
Canadian O. & R.	29-1-11-W4	2780	Heavy gas.	Dakota No. 1	15	3-20-3-W5	Location.	
Devenish Pet.	5	27-5-14-W4	2330	Shut down.	Dallas, No. 1	11	20-19-2-W5	3100 Abandoned.
Imperial-Burdett, No. 1	8-11-11-W4	3170	Drilling.	Dallas No. 2	11	20-19-2-W5	Location.	
Imperial-Erickson No. 1	13	8-1-12-W4	2998	Drilling.	Dalhousie, No. 1— (South. Alb. No. 1)	4	18-20-2-W5	3600 Rigging up.
United	....	....	2025	Gas.	Dalhousie, No. 2— (South. Alb. No. 2)	4	18-20-2-W5	3700 Oil, shut down.
Urban	4-1-15-W4	3285	Cementing.	Dalhousie, No. 3— (Alb. South. No. 1)	10	13-20-3-W5	3345 Abandoned.	
DRUMHELLER—					Dalhousie, No. 4— (Alb. South. No. 2)	8	13-20-3-W5	1400 Abandoned.
Drumheller	NW 1/4	23-29-20-W4	....	Location.	Dalhousie, No. 5	16	30-19-2-W5	3000 Drilling.
FORT VERMILION—					Dalhousie, No. 6	10	13-20-3-W5	1000 Drilling.
Black Rock Oil Co.	....	Ft. Vermilion	1200	Shut down.	Delphi	16	18-20-2-W5	Location.
HIGH PRAIRIE—					Derrick	2	22-20-3-W5	Location.
Prairie Oils	....	23-74-17-W5	2205	Suspended.	Devonian	2	24-20-3-W5	Location.
HIGH RIVER—ALDERSYDE—					Doiomite	8	1-20-3-W5	1300 Shut down.
High River	11	6-19-28-W4	....	Location.	Dutch-America	14	4-19-2-W5	4327 Shut down.
Ranchmen's	16	13-20-29-W4	....	Drilling.	Duthill No. 1	13	28-19-4-W5	Location.
HIGHWOOD—					Duthill No. 2	W. 1/2	8-20-4-W5	Location.
Highwood No. 1	3	36-18-3-W5	1535	Drilling.	Eldorado	2	34-19-3-W5	Location.
IRMA—					Empress	....	....	....
Alberta Pacific	N.E. 1/4	12-45-9-W4	....	Rigged up.	Ellis Oils	4	24-20-3-W5	Location.
Irma Oil Dev.	16	28-45-9-W4	1600	Awaiting tools.	Glenbow	13	3-20-3-W5	Location.
LESSER SLAVE LAKE—					Gol-conda	13	26-19-3-W5	Location.
International Oils	....	14-74-4-W5	1819	Underreaming.	Great West, No. 1	S.E. 1/4	7-20-2-W5	5330 Fishing.
MEDICINE HAT—					Great West, No. 2	S.E. 1/4	7-20-2-W5	Derrick.
Can. O. & R.	....	31-13-1-W4	1894	Drilling.	Home No. 1	10	20-19-2-W5	3225 Drilling.
Can.-Am. O. & G.	6	31-13-1-W4	1315	Gas.	Home No. 1A (Advance 1)	14	20-19-2-W5	3160 Shut down.
Community Oil W.	13	19-14-1-W4	2763	Drilling.	Home No. 2 (Advance 2)	14	20-19-2-W5	2095 Shut down.
Med. H. Dev. Co.	....	19-14-1-W4	1650	Gas.	Homestake	5	3-20-3-W5	Location.
Med. H. Dev. Synd.	....	19-14-1-W4	1800	Gas.	Highland	5	5-20-2-W5	3020 Shut down.
Many Island O. & G.	13	34-13-2-W4	2020	Shut down.	Hylo	13	20-19-2-W5	Camp.
Roth No. 1	....	31-12-5-W4	....	Gas.	Illinois-Alberta	14	12-20-3-W5	3858 Oil.
Roth No. 2	....	17-13-6-W4	1262	Rebuilding.	Indiana-Alberta	8	1-20-3-W5	2774 Pumping.
MOOSE MOUNTAIN—					Lancashire	12	3-20-3-W5	Location.
Cherokee	7-8	33-23-5-W5	1894	Shut down.	Locarno	5	5-20-2-W5	Derrick up.
Signal Hill, No. 1	9	34-23-5-W5	2025	Shut down.	Lucky Strike, No. 1	13	26-19-3-W5	Location.
Signal Hill, No. 2	9	34-23-5-W5	674	Shut down.	McLeod, No. 1	16	1-20-3-W5	2400 Pumping.
MORLEY RESERVE—					McLeod, No. 2	16	1-20-3-W5	3772 Fishing.
Chiniki	....	Morley Reserve	....	Location.	Madison	8	34-20-3-W5	Derrick up.
Gold Coin Oils, Ltd.	....	Morley Reserve	500	Drilling.	Mammoth	2	24-20-3-W5	Location.
Reserve	....	Morley Reserve	1877	Shut down.	Mid-Valley	12	5-20-2-W5	Derrick up.
Wabash	....	Morley Reserve	....	Drilling.	Midwest, No. 1	8	31-19-2-W5	Shut down.
NANTON—					Midwest, No. 2	3	24-20-3-W5	3740 Shut down.
Imperial (Rice Creek)	....	4-14-2-W5	5747	Shut down.	Model	8	22-20-3-W5	Location.
OLDS—					Mountain Oils	8	34-19-3-W5	Location.
Coates Syndicate	....	33-32-3-W5	....	Shut down.	Mount Vernon	12	34-20-3-W5	Location.
PEACE RIVER—					Neptune	15	4-20-3-W5	Location.
Canadian Pet.	....	11-85-21-W5	2500	Shut down.	New McDougall-Segur	14	12-20-3-W5	2372 Drilling.
West. Provinces (Victory)	....	31-83-21-W5	1553	Cementing.	New York-Alberta	6	20-19-2-W5	Derrick up.
PIGEON LAKE—					New Blk. Diamond, No. 1	1	3-20-3-W5	1500 Shut down.
Mutual O. & G.	....	14-47-27-W4	1100	Shut down.	New Valley	4	6-21-2-W5	1550 Shut down.
RIBSTONE—					Okaita	1	1-20-3-W5	1550 Drilling.
Advance No. 3	1	16-45-1-W4	504	Re cementing.	Oklahoma, No. 1	8	36-20-3-W5	....
Advance No. 4	15	32-44-1-W4	....	Location.	Orion	8	24-19-4-W5	Location.
Glenbow Oils	W 1/2-24-44-2-W4	....		Location.	Paramount	2	29-19-4-W5	Location.
Imperial, No. 1	....	5-45-1-W4	1900	Testing.	Pinnacle	9	34-19-2-W5	Location.
Oil Producers	....	14-44-2-W4	....	Location.	Queen City	6	34-20-3-W5	Location.
Oxville O. & G.	....	10-45-2-W4	....	Location.	Rainier	8	11-20-3-W5	Location.
Pinnacle No. 1	12	20-45-1-W4	....	Location.	Ranger No. 2	8	1-20-3-W5	Location.
Ribstone Oils	1	1-46-1-W4	1040	Drilling.	Reco	16	22-20-3-W5	Location.
Ribstone Pet., No. 1	....	10-43-3-W4	....	Location.	Roberta	16	19-19-2-W5	Location.
Ribstone-Wainwright	....	29-43-2-W4	....	Location.	Royalite, No. 1	14	6-20-2-W5	3980 Producing.
SINCLAIR STRUCTURE—					Royalite, No. 2	11	6-20-2-W5	3175 Producing.
Banner	7	34-17-3-W5	....	Location.	Royalite, No. 3	15	6-20-2-W5	2860 Shut down.
Jewel	6	34-17-3-W5	....	Location.	Royalite, No. 4	12	7-20-2-W5	3740 Producing.
Ranger	4	6-18-2-W5	....	Location.	Royalite, No. 5	13	7-20-2-W5	3527 Abandoned.
Caledonia	16	33-17-3-W5	....	Location.	Royalite, No. 6	16	31-19-2-W5	3108 Drilling.
SPRINGBANK—					Royalite, No. 7	3	13-20-3-W5	Location.
Horseshoe	....	13	16-24-3-W5	....	Seneca	1	34-20-3-W5	2706 Shut down.
TURNER VALLEY—					Sentinel	8	8-20-2-W5	Shut down.
Ainsworth	....	20-19-2-W5	....	Location.	Spooner Oils, No. 1	4	13-20-3-W5	600 Drilling.
Aladdin	3	34-19-3-W5	....	Location.	Stanmore O. & R. Co.	11	24-20-3-W5	Location.
Allegheny Oils	6	16-19-2-W5	....	Location.	Stockmen	1-2	27-20-3-W5	2925 Drilling.
Alert	7	31-19-2-W5	....	Location.	Stockmen No. 2 (Henderson 1)	7	27-30-3-W5	Rigging up.
Anaconda	13	20-19-2-W5	....	Location.	Titan	2	18-20-2-W5	Location.
WAINWRIGHT-FABYAN—					Turvalta	13-14	5-20-2-W5	Location.
Albion D. & P.	....	1	31-45-6-W4	....	Unity Oils	15	34-19-3-W5	Location.
Alert	....	8	11-45-7-W4	....	Vanguard	1	34-19-3-W5	Location.
Argio-Alberta	....	16	19-45-6-W4	....	Vlmy	7	24-20-3-W5	Location.
Baxter-Wain., No. 1	....	14	20-45-6-W4	....	Vulcan, No. 1	11	13-20-3-W5	5004 Producing.

LOGS OF NORTHWESTERN WELLS IN WHICH ALBERTA IS INTERESTED

Bethlehem O. & R.	11	8-45-6-W4	....	Location.
Britannia	5	29-45-6-W4	....	Location.
British Petroleum No. 1	6	36-45-7-W4	2038	Gas.
British Petroleum, No. 2	30	45-6-W4	1970	Producing.
British Petroleum, No. 3	4	29-45-6-W4	2113	Gas, oil.
British Petroleum, No. 3b	4	29-45-6-W4	2260	Oil.
British Petroleum, No. 4	30	45-6-W4	2240	Producing.
British Petroleum, No. 5	4	31-45-6-W4	....	Location.
British-Wain. No. 1	4	22-45-6-W4	....	Fishing.
British-Wain. No. 2	13	20-45-6-W4	2400	Rigging up.
Emerald	8	30-45-6-W4	2275	....
Edmonton-Wain. No. 1	4	29-45-6-W4	2275	Producing.
Fabyan Pet.	8	24-45-8-W4	1100	Drilling.
Imperial No. 1	18-45-7-W4	2730	Gas.	
Imperial No. 2	14-45-8-W4	2015	Oil Gas.	
Interior	36-44-7-W4	1600	Drilling.	
Manufacturers O. & R.	15	20-45-6-W4	1775	Location.
Maple Leaf, No. 1	19-45-8-W4	1775	Gas.	
Maple Leaf, No. 2	19-45-8-W4	....	Erecting.	
Mewasin	7	30-45-6-W4	....	Location.
Mid-Canada	4	22-45-8-W4	....	Location.
Nat. Explor.	1	30-45-6-W4	....	Derrick.
Palmer Petroleum	15	29-45-6-W4	....	Location.
Ribstone-Wainwright	6	25-45-7-W4	....	Location.
Sasko-Wain. O. & G.	1	19-45-6-W4	....	Location.
Shamrock	8-46-6-W4	....	Location.	
Toronto Wainwright	6	29-45-6-W4	....	Location.
Trafalgar	10-46-6-W4	....	Location.	
Western Consol. No. 1	8	20-45-6-W4	1400	....
Western Consol. No. 2	30-45-6-W4	2333	Oil.	
Wain. Dome	7	31-45-6-W4	....	Drilling.
Wain. Petroleum	6	30-45-6-W4	....	Building.
Wainalta	4	33-45-6-W4	....	Location.

BRITISH COLUMBIA

SAGE CREEK—

B. C. Oil & D. Co.	Sage Creek	3250	Drilling.
Glacier Oil Co.	Sage Creek	3215	Drilling.
Empire	8 27-10-E.C.M.	5743	Fishing.
Sumas	27-19-E.C.M.	700	Shut down.

MANITOBA

DAUPHIN—

Agassiz, No. 1	26-23-20W	320	....
MAFEKING—			

Ed. Doherty	12 2-43-26-W1	1640	Drilling.
Porcupine Mt., No. 1	2-3-42-26W	907

TREHERNE—

Man. Mutual O. & G.	9 34-7-10-W1	600	Drilling.
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SASKATCHEWAN

LIMERICK—

Great Plains O. & G.	29-8-3-W3	Location.
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RIBSTONE—

Crest	12-13	12-46-28-W3	Location.
Ribstone Drilling Syn. N½ NE¼	22-46-28-W3	Location.	

RIVERHURST—

Riverhurst	4	33-22-7-W3	510	Drilling.
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SIMPSON—

Simpson Oil Co.	9-29-25-W2	300	Cementing.
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VERA—

Unity Valley	S.E. ¼	23-41-24-W3	2706	Shut down.
Unity Valley No. 2	SE ¼	23-41-24-W3	Location.

MONTANA

Aerolite, No. 1, N.W. ¼, N.W. ¼	25-24E	....	Oil.
Big Six	N E ¼	29-35-1-W	1385	Oil.
Calgary-Sunburst No. 1	SW ¼	8-35-2-W	Oil.
Claresholm-Hurley No. 1	8-34-2-V	1460	Oil.	
Cope Development No. 1	23-35-2-V	1510	Oil.	
Cope Development No. 3	23-35-2-V	1485	Oil.	
DeJoraine, No. 2, 3	28-35-1-W	1566	Oil.	
Didsbury-Sunburst	1-34-2-W	1100	Drilling.	
Ellis-Byrne, Nos. 2 and 3 ..	24-35-2-V	1517	Oil.	
Evrone	35-35-2-V	....	Location.
Great West No. 4, SW ¼ NE ¼ ..	30-35-2-W	1504	Oil.	
Great West Nos. 3 and 5 ..	30-35-2-W	....	Oil.
Harlem No. 1	SE ¼	20-35-1-W	1600	Oil.
Harlem Nos. 2, 3 and 4	SW ¼	32-35-1-W	Oil.
Harlem No. 5	SW ¼	32-35-1-W	1200	Drilling.
Hart-Green No. 1	SW ¼	11-37-2-W	2220	Drilling.
Madison-Strange, No. 2	31-35-3-W	1350	Oil.	
Mill City, Nos. 1 and 2	29-35-1-W	....	Oil.
Model	27-35-1-W	1545	Oil.	
Monalita	3-37-4-W.P.M.	2608	Abandoned.	
Monalita No. 2	S ½ 37-4-W.P.M.	....	Location.
Montana Major ....	....	1100	Shut down.
Oak Oils (Big Elephant)	32-35-3-W	1750	Oil.	
Oil Producers, Kearns No. -	18-35-2-W	1606	Oil.	
Oil Producers, Larson No. 2	18-35-2-W	1638	Oil.	
Pondera Valley-Larson	SW ¼	17-34-1-W	3075	Drilling.
Pass Oils	5-34-1-W	1330	Drilling.	
Queen City, Moore, Nos. 3, 5, 6, 7, 8, 9, 10, 14, 15, 18, 19, 20	4-34-2-W	....	Oil.
Queen City-Hanna No. 1	18-34-1-W	750	Drilling.	
Queen City, Moore, Nos. 13 and 17	5-34-2-W	....	Oil.
Red Deer-Sunburst, 1, 2, 3, 4, 5, 6	29-35-1-W	....	Oil.
Red Deer-Sunburst No. 7	29-35-1-W	....	Drilling.
Rocky Mtn. Oil	12	24-35-2-W	Oil.
Rose-Byrne, Nos. 1 to 5, 7 to 13	31-35-1-W	....	Oil.
S. W. Qr.	30-35-1-W	....	Oil.
Swift Current, No. 1	27-35-2-W	....	Oil.
Wolfe Dev. Co. No. 1	27-35-2-W	1440	Oil.	
Wolfe Dev. No. 2	27-35-2-W	1435	Drilling.	
Wolfe Dev. No. 3	27-35-2-W	750	Drilling.	

Wainwright Dome Drilling Out Cement--Interior Gas Controlled

BRITISH WAIN. FISHING—EMERALD
IN ACTIVE—DRILLERS TO RIBSTONE

(Special Correspondence)

WAINWRIGHT—Since the Christmas holiday season things in this part of the province are beginning to move a trifle brisker over which we are all more than pleased.

DOME DRILLING

OUT CEMENT NOW

The Dome well started to drill out their cement plug this week and the first of next week or the last half of this week should see this well brought in. The people in the Wainwright district are all watching this well with great interest, as many others from outside districts. The cores have all been excellent, and we are hoping for just as good a well, if not better than these seem to predict.

INTERIOR GAS

FLOW IN CONTROL

Interior Oil Co. gave us all a little surprise last week by running into a large pocket of gas, and they have been having

considerable difficulty in overcoming it. However, the drillers think that they have finally got it under control and that drilling will be recommenced immediately.

BRITISH WAIN. HAS
LITTLE FISHING JOB

British Wainwright got away to a good start, but they have been having their share of bad luck. They lost their main bushing down the hole, and are now having considerable difficulty in fishing it out. Although several methods of getting this

EDMONTON PRICES

Edmonton brokers quote the following asked prices on central Alberta stocks:

Edmonton-Wainwright	15
British Petroleum	11
Maple Leaf	25
Western Consolidated	25
Edmonton Royalties	.07
Petroleum Royalties	.08

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bushing out have been suggested and tried it is still down there. However, Dave Credille is very optimistic and capable, and we have no doubt whatever that a few days will see them well on their way of drilling again.

NOTHING AT EMERALD

So far as we can learn, nothing of much importance has been going on at the Emerald well. Perhaps they are now waiting for the spring weather to commence anything really definite.

LEAVE FOR RIBSTONE

Several of the men from this district, and who have been working on the various rigs out here, have been sent down to the Ribstone field with the Imperial company. Among those who left are George Clark, Roy Hartley and Frank Bourque. We are all sorry to see these men leaving us, and only hope that they have as good drilling down in that field as we are having up here.

Calg'ry-Sunburst Sells Issue for Financing Second Well

After bringing in its first well in the Kevin-Sunburst field as a producer, the Calgary-Sunburst Oils Ltd., a local company, will commence drilling its second well on its Montana acreage as soon as weather conditions permit in the spring.

The company, which has an authorized capitalization of \$100,000 shares, is placing an issue of stock on the market at \$1 per share. Investors will participate in the profits from all wells drilled on the company's acreage, which includes leases in the Turner Valley and on the Gordon Campbell Alberta dome.

An excellent quality of oil was obtained in Calgary-Sunburst No. 1 situated in SW qr. 8-35-2-w5, which is conservatively estimated to be capable of producing from 10 to 20 barrels of oil per day, testing 32 degrees Beaume.

There are pipelines on both sides of the property which are common carriers and which therefore facilitate the marketing of the oil.

In this section of the field production is found around 1500 feet. A well can be drilled in about 18 days for an average cost of \$8,000 to \$10,000. There are a number of large producers in the vicinity of the lease held by the Calgary-Sunburst. The famous Mid Northern Howling No. 3, just a mile away, came in with

an initial production of 3500 barrels per day.

Major G. C. Howard, geologist for the Sunburst Oil and Refining Co. Ltd., in reporting on the property of the Calgary Sunburst, namely SW qr. 8-35-2-w, states there is a line of faulting crossing the southwestern portion of the lease, which should affect the accumulation of petroleum very materially.

"It is now an accepted fact in the Sunburst field that the production found in either the Sunburst sand or at the top of the Madison is governed entirely by the amount of fracturing which has taken place in the formations, allowing the upward migration of the oil from the source formations as well as creating reservoir conditions through porosity created by fracturing and the leaching action of upward percolating hot siliceous waters along vertical fracture planes in the Madison limestone," states the report.

Directors of the Calgary-Sunburst are well known residents of Calgary and district who have been interested in oil development for years. The following are members of the board: James F. Bradford, rancher, president; Samuel G. Jamieson, agent, vice-president and secretary-treasurer; Harry J. Berke, manager; John W. Speer, salesman; and Herman Victor Kobold, president of the Western Packing Co. Ltd., Winnipeg.

The head office of the company is 311 Alberta Corner.

In an editorial on the power situation the Albertan states: "If the Spray Lakes project is not the best solution of the problem it should be put aside and power generation from coal considered." Why forget to take waste gas into consideration?

Report Heavy Filings by U. S. Company in Sask.

It is reported on good authority that the Shafer Oil Co., of Minneapolis, Minn., have just leased fifteen sections of oil land just north of the Simpson Oil Co.'s holdings, northwest of town and they will commence drilling operations in the spring or as soon as weather conditions permit, states the Simpson Lance and Oil Journal.

It is understood that this step was taken only after a geologist's report was received by them.

BRITISH DOMINION HAS FINE STRING OF 10 1-2-INCH CASING

With the crew back from a short holiday, drilling was resumed at the British Dominion well this week. The hole was 3970 feet deep when the last report was received from the field. The British Dominion will have one of the finest strings of 10 1-2-inch casing in the country, which is being run to the 4000-foot level if possible. The Great West is a close second to the British Dominion in this respect, with nearly 3500 feet of 10 1-2-inch casing.

Calgary-Sunburst Oils, LIMITED

Low Capitalization, small amount of stock out, acreage in the Kevin-Sunburst field, also in the Turner Valley, and "Gordon Campbell Alberta Dome" at Aldersyde.

One well already drilled on the Montana acreage, came in a producer, will commence drilling our second well on Montana acreage as soon as weather conditions will permit in spring.

We are now offering a small amount of Capital Stock to the public at \$1.00 per share.

Your money is in on all wells drilled on the Company's acreage.

AUTHORIZED CAPITALIZATION \$100,000

CALGARY-SUNBURST OILS, LTD.

Head Office: 311 Alberta Corner

Phone M 7038 Calgary, Alberta